

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/04315

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y | WO 02 11467 A (BOWRING MICHAEL ; JONES WILLIAM JOHN (GB); WILLIAMS ANDREW GORDON () 7 February 2002 (2002-02-07) cited in the application the whole document --- | 1-31 |
| Y | WO 01 76297 A (NOKIA MOBILE PHONES LTD ; RINNEMAA JYRI (FI); EKBERG JAN ERIK (FI);) 11 October 2001 (2001-10-11) page 1, line 11 -page 2, line 19 page 6, line 9 -page 7, line 10 page 9, line 12 -page 10, line 24 page 21, line 29 -page 23, line 6 page 24, line 30 -page 25, line 12 figures 1,2 --- -/-- | 1-31 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

16 February 2004

Date of mailing of the international search report

24/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| P,A | <p>HAVERINEN H ET AL: "CELLULAR ACCESS CONTROL AND CHARGING FOR MOBILE OPERATOR WIRELESS LOCAL AREA NETWORKS" IEEE WIRELESS COMMUNICATIONS, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 9, no. 6, December 2002 (2002-12), pages 52-60, XP001143468 ISSN: 1070-9916 page 54, right-hand column -page 55, left-hand column; figure 3</p> | 1-31 |

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In  Application No

PCT/GB 03/04315

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
|---|---|---------------------|----|----------------------------|---------------------|
| WO 0211467 | A | 07-02-2002 | CA | 2384890 A1 | 07-02-2002 |
| | | | WO | 0211467 A2 | 07-02-2002 |
| | | | GB | 2369271 A | 22-05-2002 |
| <hr/> | | | | | |
| WO 0176297 | A | 11-10-2001 | AU | 5043901 A | 15-10-2001 |
| | | | EP | 1273197 A1 | 08-01-2003 |
| | | | WO | 0176297 A1 | 11-10-2001 |
| | | | US | 2003157926 A1 | 21-08-2003 |
| <hr/> | | | | | |